



PAGER

Version 2

10,000

100,000

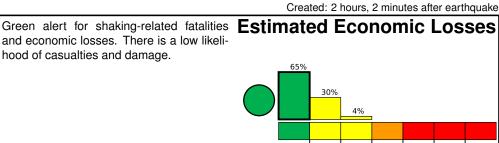
1,000

M 5.4, 57 km N of Claveria, Philippines

Origin Time: 2020-06-26 11:54:57 UTC (Fri 19:54:57 local) Location: 19.1258° N 121.0557° E Depth: 30.6 km

Estimated Fatalities 10,000 1,000

and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | | _* | 568k | 11k | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------------|----------|--------|-------|----------|----------|-------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| DAMAGE | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

1000 5000 121.5°W 120.8°W 19.5°N 18.8°N Pasuguin

Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

| Date | Dist. | Mag. | Max | Shaking |
|------------|-------|------|-----------|---------|
| (UTC) | (km) | | MMI(#) | Deaths |
| 1977-03-18 | 293 | 7.2 | VII(520k) | 1 |
| 1999-12-11 | 398 | 7.2 | VIII(17k) | 1 |
| 1990-07-16 | 378 | 7.7 | IX(893k) | 2k |

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI | City | Population |
|-----|----------------|------------|
| Ш | Claveria | 11k |
| Ш | Namuac | 3k |
| Ш | Santa Cruz | 2k |
| Ш | Bangui | 2k |
| Ш | Pagudpud | 5k |
| Ш | Santa Praxedes | <1k |
| Ш | Cabaritan East | 9k |
| Ш | Pasuquin | 6k |
| Ш | Bacarra | 10k |
| Ш | Aparri | 33k |
| Ш | Gonzaga | 7k |
| | | |

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us7000ac49#pager

Event ID: us7000ac49